



Sheet 1 of 4

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Attorney Docket No. 00786/423002	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Serial No. 10/617,351	
(37 C.F.R. § 1.98(b))				Applicant Ruvkun and Ashrafi	
				Filing Date July 10, 2003	
				Group 1652	
				IDS Filed June 22, 2006	
U.S. PATENTS					
Examiner's Initials	Patent Number	Issue Date	Patentee	Class	Filing Date (If Appropriate)
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION					
Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Translation (Yes/No)
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)					
TS	Adibi, "The Oligopeptide Transporter (Pept-1) in Human Intestine: Biology and Function," <i>Gastroenterology</i> 113:332-340 (1997).				
TS	Adibi, "Regulation of Expression of the Intestinal Oligopeptide Transporter (Pept-1) in Health and Disease," <i>Am. J. Physiol. Gastrointest. Liver Physiol.</i> 285: G779-G788 (2003).				
TS	Aschenbach et al., "Effect of AICAR Treatment on Glycogen Metabolism in Skeletal Muscle," <i>Diabetes</i> 51:567-573 (2002).				
TS	Brown et al., "Calcium Cages, Acid Baths and Recycling Receptors," <i>Nature</i> 388:629-630 (1997).				
TS	Chawla et al., "Nuclear Receptors and Lipid Physiology: Opening the X-Files," <i>Science</i> 294:1866-1870 (2001).				
TS	Chin, "On the Preparation and Utilization of Isolated and Purified Oligonucleotides," Description of CD-ROM deposited in the public collection of the Kathrine R. Everett Law Library of the University of North Carolina, March 14, 2002.				
Copy of CD TS	Chin, "On the Preparation and Utilization of Isolated and Purified Oligonucleotides," Copy of CD-ROM deposited in the public collection of the Kathrine R. Everett Law Library of the University of North Carolina, March 14, 2002.				
TS	Comings et al., "The Dopamine D ₂ Receptor (DRD2) as a Major Gene in Obesity and Height," <i>Biochem Med Metab. Biol.</i> 50:176-185 (1993).				
TS	Contreras et al., "Dopamine, Hypertension and Obesity," <i>J. Hum. Hypertens.</i> 16 Suppl 1:S13-17 (2002).				
TS	Friedman et al., "Phosphoenolpyruvate Carboxykinase (GTP) Gene Transcription and Hyperglycemia are Regulated by Glucocorticoids in Genetically Obese <i>db/db</i> Transgenic Mice," <i>J. Biol. Chem.</i> 272:31475-31481 (1997).				
TS	Frykman et al., "Normal Plasma Lipoproteins and Fertility in Gene-Targeted Mice Homozygous for a Disruption in the Gene Encoding Very Low Density Lipoprotein Receptor," <i>Proc. Natl. Acad. Sci. USA</i> 92:8453-8457 (1995).				
TS	GenBank Accession No. C62139				
TS	Geourjon et al., "A Common Mechanism for ATP Hydrolysis in ABC Transporter and Helicase Superfamilies," <i>Trends Biochem. Sci.</i> 26:539-544 (2001).				
TS	Good et al., "Hypogonadism and Obesity in Mice with a Targeted Deletion of the <i>Nhlh2</i> Gene," <i>Nat. Genet.</i> 15:397-401 (1997).				

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Attorney Docket No. Serial No. Applicant Filing Date Group IDS Filed		00786/423002 10/617,351 Ruvkun and Ashrafi July 10, 2003 1652 June 22, 2006	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)							
(37 C.F.R. § 1.98(b))							
U.S. PATENTS							
Examiner's Initials	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (If Appropriate)	
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION							
Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)	
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)							
TS	Gottlieb and Ruvkun, "daf-2, daf-16 and daf-23: Genetically Interacting Genes Controlling Dauer Formation in <i>Caenorhabditis elegans</i> ," <i>Genetics</i> 137:107-120 (1994).						
TS	Grant et al., "Evidence that RME-1, a Conserved <i>C. elegans</i> EH-Domain Protein, Functions in Endocytic Recycling," <i>Nat. Cell. Biol.</i> 3:573-579 (2001).						
TS	Greenspan et al., "Nile Red: a Selective Fluorescent Stain for Intracellular Lipid Droplets," <i>J. Cell. Biol.</i> 100:965-973 (1985).						
TS	Greenspan and Fowler, "Spectrofluorometric Studies of the Lipid Probe, Nile Red," <i>J. Lipid. Res.</i> 26:781-789 (1985).						
TS	Hanson and Reshef, "Regulation of Phosphoenolpyruvate Carboxykinase (GTP) Gene Expression," <i>Ann. Rev. Biochem.</i> 66:581-611 (1997).						
TS	Hardie and Carling, "The AMP-Activated Protein Kinase - Fuel Gauge of the Mammalian Cell?" <i>Eur. J. Biochem.</i> 246:259-273 (1997).						
TS	Hardie et al., "The AMP-Activated/SNF1 Protein Kinase Subfamily: Metabolic Sensors of the Eukaryotic Cell?," <i>Ann. Rev. Biochem.</i> 67:821-855 (1998).						
TS	Holland and Blight, "ABC-ATPases, Adaptable Energy Generators Fuelling Transmembrane Movement of a Variety of Molecules in Organisms from Bacteria to Humans," <i>J. Mol. Biol.</i> 293:381-399 (1999).						
TS	Ioannou, "Multidrug Permeases and Subcellular Cholesterol Transport," <i>Nature Reviews</i> 2:657-668 (2001).						
TS	Lazar, "Becoming Fat," <i>Genes Dev.</i> 16:1-5 (2002).						
TS	Lin et al., "Rme-1 Regulates the Distribution and Function of the Endocytic Recycling Compartment in Mammalian Cells," <i>Nat. Cell. Biol.</i> 3:567-572 (2001).						
TS	McKenna and O'Malley, "Combinatorial Control of Gene Expression by Nuclear Receptors and Coregulators," <i>Cell</i> 108:465-474 (2002).						
TS	Nimpf and Schneider, "The VLDL Receptor: an LDL Receptor Relative with Eight Ligand Binding Repeats, LR8," <i>Atherosclerosis</i> 141:191-202 (1998).						

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Attorney Docket No. Serial No. Applicant Filing Date Group IDS Filed		00786/423002 10/617,351 Ruvkun and Ashrafi July 10, 2003 1652 June 22, 2006	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)							
(37 C.F.R. § 1.98(b))							
U.S. PATENTS							
Examiner's Initials	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (If Appropriate)	
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION							
Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)	
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)							
TS	Noben-Trauth et al., "A Candidate Gene for the Mouse Mutation Tubby," <i>Nature</i> 380:534-538 (1996).						
TS	Olswang et al., "A Mutation in the Peroxisome Proliferator-Activated Receptor γ -Binding Site in the Gene for the Cytosolic Form of Phosphoenolpyruvate Carboxykinase Reduces Adipose Tissue Size and Fat Content in Mice," <i>Proc. Natl. Acad. Sci. USA</i> 99:625-630 (2002).						
TS	Ogg et al., "The Fork Head Transcription Factor DAF-16 Transduces Insulin-Like Metabolic and Longevity Signals in <i>C. elegans</i> ," <i>Nature</i> 389:994-999 (1997).						
TS	Pages et al., "LPA as a Paracrine Mediator of Adipocyte Growth and Function," <i>Ann. NY Acad. Sci.</i> 905:159-164 (2000).						
TS	Paradis et al., "A PDK1 Homolog is Necessary and Sufficient to Transduce AGE-1 PI3 Kinase Signals that Regulate Diapause in <i>Caenorhabditis elegans</i> ," <i>Genes Dev.</i> 13:1438-1452 (1999).						
TS	Patterson et al., "The DAF-3 Smad Protein Antagonizes TGF- β -Related Receptor Signaling in the <i>Caenorhabditis elegans</i> Dauer Pathway," <i>Genes Dev.</i> 11:2679-2690 (1997).						
TS	Rolland et al., "Evidence of Increased Glyceraldehyde-3-Phosphate Dehydrogenase and Fatty Acid Synthetase Promoter Activities in Transiently Transfected Adipocytes from Genetically Obese Rats," <i>J. Biol. Chem.</i> 270:1102-1106 (1995).						
TS	Sze et al., "Food and Metabolic Signalling Defects in a <i>Caenorhabditis elegans</i> Serotonin-Synthesis Mutant," <i>Nature</i> 403:560-564 (2000).						
TS	Tacke et al., "Living up to a Name: the Role of the VLDL Receptor in Lipid Metabolism," <i>Curr. Opin. Lipidol.</i> 12:275-279 (2001).						
TS	Tecott et al., "Eating Disorder and Epilepsy in Mice Lacking 5-HT _{2c} Serotonin Receptors," <i>Nature</i> 374:542-546 (1995).						
TS	Tissenbaum and Ruvkun, "An Insulin-like Signaling Pathway Affects both Longevity and Reproduction in <i>Caenorhabditis elegans</i> ," <i>Genetics</i> 148:703-717 (1998).						
TS	Trommsdorff et al., "Reeler/Disabled-like Disruption of Neuronal Migration in Knockout Mice Lacking the VLDL Receptor and ApoE Receptor 2," <i>Cell</i> 97:689-701 (1999).						

SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Attorney Docket No. Serial No. Applicant Filing Date Group IDS Filed		00786/423002 10/617,351 Ruvkun and Ashrafi July 10, 2003 1652 June 22, 2006	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)							
(37 C.F.R. § 1.98(b))							
U.S. PATENTS							
Examiner's Initials	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (If Appropriate)	
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION							
Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)	
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)							
TS	Van Helvoort et al., "MDR1 P-Glycoprotein is a Lipid Translocase of Broad Specificity, while MDR3 P-Glycoprotein Specifically Translocates Phosphatidylcholine," <i>Cell</i> 87:507-517 (1996).						
TS	Watts and Browse, "Isolation and Characterization of a Δ^5 -Fatty Acid Desaturase from <i>Caenorhabditis elegans</i> ," <i>Arch. Biochem. Biophys.</i> 362:175-182 (1999).						
TS	Watts and Browse, "Genetic Dissection of Polyunsaturated Fatty Acid Synthesis in <i>Caenorhabditis elegans</i> ," <i>Proc. Natl. Acad. Sci. USA</i> 99:5854-5859 (2002).						
TS	Willson et al., "Peroxisome Proliferator-Activated Receptor γ and Metabolic Disease," <i>Ann. Rev. Biochem.</i> 70:341-367 (2001).						
TS	Wolkow et al., "Regulation of <i>C. elegans</i> Life-Span by Insulinlike Signaling in the Nervous System," <i>Science</i> 290:147-150 (2000).						
TS	Yamagata et al., "Mutations in the Hepatocyte Nuclear Factor-4 α Gene in Maturity-Onset Diabetes of the Young (MODY1)," <i>Nature</i> 384:458-460 (1996).						
TS	Yoon et al., "Control of Hepatic Gluconeogenesis Through the Transcriptional Coactivator PGC-1," <i>Nature</i> 413:131-138 (2001).						
EXAMINER /Tekchand Saidha/				DATE CONSIDERED 07/06/2006			
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.							